



INVOICE

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Dorado, PR 00646-3306

DATE: 4/11/2013
INVOICE # 16238
PROPOSAL # 11-0052-LS-R2-03
CONTRACT # 2012-DS0427

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PROJECT NAME: HIS Systems Development				
Account no.	Start Date	Term	Due Date	Representative
PRIFAS 256-G710000-081-2010-1090HT0001SUB & PeopleSoft 256-G710000-08F-2010-10001SUBHIE	October 1, 2011	30 days	06/11/13	Carlos Carrasquillo, Project Manager

QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT
	Deliverable 3: E-Labs; Phase 3: Testing (Includes testing for the EHR Integration Testing)	44,500.00	\$ 44,500.00
SUBTOTAL			\$ 44,500.00
SALES TAX (7%)			
SUBTOTAL			44,500.00
SHIPPING & HANDLING			
TOTAL			\$ 44,500.00

Activities requirements, according to approved proposal # 11-0052-LS-R2-03.

CERTIFICACION:

Bajo pena de nulidad absoluta certifico que ningún servidor público del Departamento de Salud es parte o tiene algún interés en las ganancias o beneficios del contrato objeto de esta factura y de ser parte o tener interés en las ganancias o beneficios ha mediado una dispensa previa. La única consideración para suministrar los bienes o servicios objeto del contrato ha sido el pago acordado con los representantes autorizados, los productos han sido entregados (los servicios prestados) y no han sido pagados.

CERTIFICO CORRECTO:

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4/11/13
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(Division of Pharma-Bio Serv PR, Inc.)
6 Carretera 696
Dorado, PR 00646-3306

Please forward payment remittance details to:

Integratek
6 Carretera 696
Dorado, PR 00646-3306

ACH: Banco Popular de Puerto Rico
349 Méndez Vigo
Pabellón Comercial Rafael Hernández Colón
Dorado, PR 00646

Attn: Mariluz Plaza
Billing Manager
mpalaza@pharmabioserv.com

Ph: 1-787-278-2709

Routing No.: 021502011
Account No.: 058252045

Fax: 1-787-278-0030
www.pharmabioserv.com

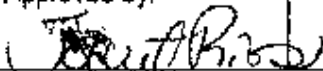
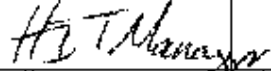
Thank You For Your Business!

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System Test Case for HIE: EHR System Integration

Proposal 11-0052-LS-R2

Approval

Name	Job Title /Role	Signature	Date (DD-MMM-YYYY)
The Author is signing to confirm that this document has been prepared in accordance Testing procedure.			
Authored by: Baxter Mickey Rains	Integratek PMO Manager		01-Nov-2012
The [Developer, User] is signing to confirm, for [unit, system, acceptance] level testing, that the Test Steps adequately address the objectives of the Test Case			
Approved by:			
			12/6/12

Test Case Iteration Number:

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1 Test System Identifiers

Table 1 identifies the system where the test case is being executed.

Table 1: System Identifier

System
Name: HIE
Version: <u>1.0</u>

1.1 User Identifier

Blue Vitr ver 1.1.4

The Test Manager shall identify all users and their roles, i.e. Prescriber (P) or Pharmacist (Rx), associated with the execution of this test case within Table 2.

Table 2: User Identifier

Name	Role	Signature	Initial	Date (DD-MMM-YY)

1.2 Unit/System Identifiers

Table 3 identifies the units or system and their version being tested within this test case.

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3 Test Preconditions

The following preconditions apply to the tests in this document:

1. Data set requirements for prescribers, facilities and pharmacists. Refer to Appendix 2.
2. At least one of each category should be created prior test execution.
3. The following path will be used to access the HIE application within PRHIE:
 - a. QA: <https://staging.prhin.net/orders>
 - b. Staging - Internal: <https://staging.prhin.net/orders>
 - c. Staging – External: <https://staging.prhin.net/orders>
4. Objectives 1 and 2 can be run independently.
5. Objective 4 needs Objective 3 completed.
6. Objective 5 can be run independently if prescriptions exist.
7. For allergies, Patient 3 shall be entered.
8. For Section 6.3, Prescription #7, Patient 4 shall be created. Refer to Appendix 2 section 4 for details.

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5 References

Document references referred to or relied upon by this document are as follows:

Item	Reference ID	Description
1	HIE_UM_001	HIE User Manual Prescribers & Agents

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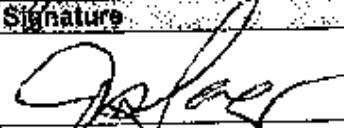
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Test Step	Action	Expected Result	Actual Result	Pass/Fail & Initial
	button.	will be displayed with patient demographic data prepopulated and no search results found. • The message displayed should read: "No hay resultados en el índice Central de Pacientes. Proceder a añadir el paciente."		OK
6.2.3	• Press "Añadir Paciente" Button	• New patient creation screen is displayed. Most fields should be prepopulated with EHR System demographic data, including Addresses, Next of Kin, Allergies and Conditions, if available.	allergies	✓ Blue/HR
6.2.4	• Fill Remaining Patient data and press the "Guardar Paciente" button.	• A new patient profile is created in both MPI and local facility. • The patient details screen is displayed.		OK

6.1 Test Objective Results The Tester is signing to confirm that the acceptance criteria for this objective have been met or not met.

Indicate whether Expected Results were obtained (Pass/Fail)	Comment (if required):
	Copy allergies

Name of Tester	ID	Signature	Date (DD-MMM-YY)
Jamir Rios			12/6/12
Name of Tester	ID	Signature	Date (DD-MMM-YY)
José R. Sada			12/6/12

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Test Step	Action	Expected Result	Actual Result	Pass/Fail & Initial
6.4.3	<ul style="list-style-type: none"> Select the matching MPI search result 	<ul style="list-style-type: none"> matching search result. New patient creation screen is displayed. Most fields should be prepopulated with EHR System demographic data, including Addresses, Next of Kin, Allergies and Conditions, if available. 		OK
6.4.4	<ul style="list-style-type: none"> Fill Remaining Patient data and press the "Guardar Paciente" button. 	<ul style="list-style-type: none"> A new patient profile is created in local facility. The patient details screen is displayed. 	No trace of #000	OK PLEASE

6.2 Test Objective Results: The Tester is signing to confirm that the acceptance criteria for this objective have been met or not met.

Indicate whether Expected Results were obtained (Pass/Fail)	Comment (if required)
Pass	

Name of Tester	ID	Signature	Date (DD-MMM-YY)
Joel Rios		[Signature]	12/6/12
Name of Tester	ID	Signature	Date (DD-MMM-YY)
José R. Sanchez		[Signature]	12/6/12

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Test Step	Action	Expected Result	Actual Result	Pass/Fail & Initial
	"Receta" window.	display		
6.3.9	Enter drug in the "Nombre Comercial" from the Appendix 2. Press "Buscar Medicamento" button.	<ul style="list-style-type: none"> The window will display a list of medications with the drug entered. "La búsqueda incluye genéricos (<drug name>)" message will display. 	Tylenol	OK
6.3.10	Select the drug(s) from the list by pressing on it.	<ul style="list-style-type: none"> The medication window will display. The medication(s) selected will display at the top of the screen. 		OK
6.3.11	Enter all drugs for the prescription. 1. Enter the "Cantidad" according to the prescription. 2. Select the "Unidad" (at the right) according the prescription. Press "Añadir Receta"	<ul style="list-style-type: none"> The "Receta" screen will display with the medication. The medication(s) information corresponds to the one entered. 		OK
6.3.12	Select the "Definir Diagnóstico" option	The "Búsqueda de Diagnóstico" window will display.		OK
6.3.13	Enter the word "diabet" in the "Descripción" field. Press "Buscar" button.	The window will list diagnostics with the word entered.		OK
6.3.14	Select "Código" 253.5 from the list by clicking on the line.	The "Receta" window will display the medication with the selected diagnostic.		OK
6.3.15	Enter the prescriber signature and press the "Firmar" button.	<ul style="list-style-type: none"> The "La receta ha sido enviada exitosamente" will display. The EHR System should return to the patient record screen. The EHR System should have processed the prescription data, which should now be available in the patient's record data. 		OK

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Test Step	Action	Expected Result	Actual Result	Pass/Fail & Initials
		enviada exitosamente" will display.		
Prescription #3: Two Drugs – Interaction				
6.3.25	Repeat steps 6.3.1 – 6.3.8, eligibility should be prepopulated Patient Name: <u>Carlos P. Ray</u>	The medication search screen is displayed		OK
6.3.26	Enter drug in the "Nombre Comercial" from the Appendix 2. Press "Buscar Medicamento" button.	<ul style="list-style-type: none"> The window will display a list of medications with the drug entered. "La búsqueda incluye genéricos (<drug name>)" message will display. 		OK
6.3.27	Select the drug(s) from the list by pressing on it.	<ul style="list-style-type: none"> The medication window will display. The medication(s) selected will display at the top of the screen. 	Comunicación y CIPRO	OK
6.3.28	Enter all drugs for the prescription. 1. Enter the "Cantidad" according to the prescription. 2. Select the "Unidad" (at the right) according to the prescription Press "Añadir Receta"	<ul style="list-style-type: none"> The "Receta" screen will display with the medication. The medication(s) information corresponds to the one entered. Alerts will display 	OK	OK
6.3.29	Select the "Definir Diagnóstico" option	The "Búsqueda de Diagnóstico" window will display.		OK
6.3.30	Enter the word "diabet" in the "Descripción" field. Press "Buscar" button.	The window will list diagnostics with the word entered.		OK
6.3.31	Select "Código" 253.5 from the list by clicking on the line.	The "Receta" window will display the medication with the selected diagnostic.		OK
6.3.32	Enter the prescriber signature and press the "Firmar" button.	<ul style="list-style-type: none"> The "La receta ha sido enviada exitosamente" will 		OK


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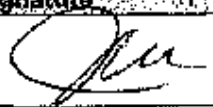

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Test Step	Action	Expected Result	Actual Result	Pass/Fail & Initial
	"Descripción" field. Press "Buscar" button.	diagnostics with the word entered.		OK
6.3.39	Select "Código" 253.5 from the list by clicking on the line.	The "Receta" window will display the medication with the selected diagnostic.		OK
6.3.40	Enter the prescriber signature and press the "Firmar" button.	<ul style="list-style-type: none"> The "No puedes enviar receta con medicamentos CONTROLADOS, sólo puedes imprimirla" message is displayed. 		OK
6.3.41	Press the OK button on the message box, then press the "Imprimir" button.	<ul style="list-style-type: none"> The message box closes. A popup is displayed to print the prescription. 		OK

6.3 Test Objective Results The Tester is signing to confirm that the acceptance criteria for this objective have been met or not met.

Indicate whether Expected Results were obtained (Pass/Fail)		Comment (if required):
---	--	------------------------

Name of Tester	ID	Signature	Date (DD-MMM-YY)
Jant Ross			12/6/12
Name of Tester	ID	Signature	Date (DD-MMM-YY)
José R. Sanchez			12/6/12

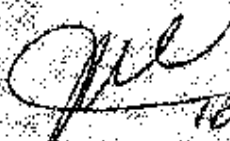
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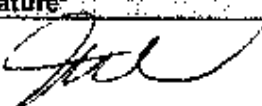
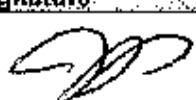
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Test Step	Action	Expected Result	Actual Result	Pass/Fail & Initial
		exitosamente"		
		The EHR System should receive a CCD document with medication history and must process the data to update the patient's record with medication history.		
6.4.10	Repeat steps 6.4.2 to 6.4.9	The CCD must be processed again by the EHR system, discarding duplicate prescriptions.		

6.4 Test Objective Results The Tester is signing to confirm that the acceptance criteria for this objective have been met or not met.

Indicate whether Expected Results were obtained (Pass/Fail)	N/A	Comment (if required):
		 10/6/12

Name of Tester	ID	Signature	Date (DD-MMM-YY)
			
Name of Tester	ID	Signature	Date (DD-MMM-YY)
Jose R. Sandoz			12/6/2012



6.5 PRHIE Prescription History CCD

Test Objective	New Patient Creation from Existing MPI Profile
Acceptance Criteria	<ul style="list-style-type: none"> The Surescripts-based Medication History CCD must be processed correctly even if sent multiple times

Station Used to Perform Test	Test Start Date/Time (DD-MMM-YY)	Completion Date/Time (DD-MMM-YY)

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Name of Tester	ID	Signature	Date (DD-MMM-YY)
Jose R. Sanchez			12/6/12
			12/6/12

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8 Appendix 1 - Test Data Requirements

A spreadsheet was prepared outside this document.

DEPARTAMENTO DE
SALUD

Oficina de Contratos

Departamento de Salud
Estado Libre Asociado de Puerto Rico
PO Box 70184, San Juan, PR. 00936-8182

HOJA DE:



Trámite



Fax

Para:	SR. PEDRO JOSE LASANTA ROBLES PHARMA-BIO SERV PR, INC. 6 CARR. 696 DORADO, PR 00646-3306	De:	 SONIA N. CARRASQUILLO COTTO DIRECTORA INTERINA OFICINA DE CONTRATOS
Núm. Fax:		Fecha:	23 de noviembre de 2011
Asunto:	DISTRIBUCION DE CONTRATO A FAVOR DE: *PHARMA-BIO SERV PR, INC. *#2012-050427 * CIAT *ASESORIA Y CONSULTORIA DE PROGRAMACION DE COMP, E IMPLANTACION DE SERV. DE RECETAS - HIE		

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